

STIC-Biotech/ChemLib

157 758

me

From: Chan, Christina  
Sent: Tuesday, June 28, 2005 1:07 PM  
To: Yu, Misook; STIC-Biotech/ChemLib  
Subject: RE: Rush search request 09/994,365

Please/rush. Thanks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644  
(571)-272-0841  
Remsen, 3E89

RECEIVED  
JUN 28 2005  
STIC

-----Original Message-----

From: Yu, Misook  
Sent: Tuesday, June 28, 2005 8:20 AM  
To: Chan, Christina  
Subject: Rush search request 09/994,365

Pls approve rush search. It is due this biweek.

Stic,  
Pls do Interference search only for SEQ ID NO: 1

Examiner Misook Yu, Ph.D.  
571-272-0839 (Phone)  
Art Unit 1642  
REM-3A18 (Room)  
REM-3C18 (Mail Box)

\*\*\*\*\*

STAFF USE ONLY

Searcher: noble  
Searcher Phone: 2-  
Date Searcher Picked up: 6/30/05  
Date Completed: 6/30/05  
Searcher Prep/Rev. Time: 3  
Online Time: 3

\*\*\*\*\*

Type of Search

NA#: 1 AA#: 1  
Interference: 1 SPDI: 1  
S/L: 1 Oligomer: 1  
Encode/Transl: 1  
Structure#: 1 Text: 1  
Inventor: 1 Litigation: 1

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Vendors and cost where applicable

STN: 1  
DIALOG: 1  
QUESTEL/ORBIS: 1  
LEXIS/NEXIS: 1  
SEQUENCE SYSTEM: compugen  
WWW/Internet: 1  
Other(Specify): 1

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 29, 2005, 21:01:04 ; Search time 661 Seconds  
(without alignments)  
8425.433 Million cell updates/sec

Title: US-09-994-365-1

Perfect score: 891

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Gapop 10.0 , Gapext 1.0

Searched: 6067389 seqs, 3125258755 residues

Total number of hits satisfying chosen parameters: 12134778

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:\*

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- 13: /cgn2\_6/ptodata/1/pubpna/US10A\_PUBCOMB.seq:\*
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- 18: /cgn2\_6/ptodata/1/pubpna/US10F\_PUBCOMB.seq:\*
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- 25: /cgn2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*
- 26: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	891	100.0	891	9 US-09-994-365-1	Sequence 1, Appli
2	775.4	87.0	2997	9 US-09-994-365-10	Sequence 10, Appl
3	775.4	87.0	3001	9 US-09-994-365-4	Sequence 4, Appli
4	775	87.0	55050	19 US-10-467-752-4	Sequence 4, Appli
5	773.8	86.8	25235	16 US-10-164-230-2	Sequence 2, Appli
6	563.4	63.2	565	16 US-10-029-386-5700	Sequence 5700, Ap
7	557.8	62.6	3673778	16 US-10-312-841-1	Sequence 1, Appli

8	348.2	39.1	3673778	16	US-10-312-841-2	Sequence 2, Appli
9	157	17.6	157	16	US-10-029-386-19510	Sequence 19510, A
10	61.8	6.9	3133	15	US-10-017-161-1483	Sequence 1483, Ap
11	61.8	6.9	3133	17	US-10-292-798-1191	Sequence 1191, Ap
12	60	6.7	60	10	US-09-908-975-5077	Sequence 5077, Ap
13	56.6	6.4	925	19	US-10-437-963-44536	Sequence 44536, A
14	56	6.3	891	20	US-10-425-115-146045	Sequence 146045, A
15	52.8	5.9	5452	15	US-10-017-161-1481	Sequence 1481, Ap
16	52.8	5.9	5452	17	US-10-292-798-1189	Sequence 1189, Ap
17	51.8	5.8	671	14	US-10-184-644-346	Sequence 346, App
18	51.8	5.8	671	14	US-10-184-634-346	Sequence 346, App
19	51.8	5.8	959	19	US-10-437-963-48694	Sequence 48694, A
20	51.8	5.8	12733	14	US-10-032-393-47	Sequence 47, Appli
21	51.8	5.8	12739	14	US-10-032-393-8	Sequence 8, Appli
22	50.4	5.7	3163	15	US-10-017-161-1857	Sequence 1857, Ap
23	50.4	5.7	3163	17	US-10-292-798-1513	Sequence 1513, Ap
24	50	5.6	50	17	US-10-131-827-532	Sequence 532, App
25	49.2	5.5	942	20	US-10-425-115-22795	Sequence 22795, A
26	47.8	5.4	673	20	US-10-425-115-11145	Sequence 11145, A
27	47	5.3	1064	9	US-09-804-682-29	Sequence 29, Appli
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30	46.6	5.2	1117	17	US-10-292-798-1141	Sequence 1141, Ap
31	46	5.2	822	20	US-10-425-115-102047	Sequence 102047, A
32	45.4	5.1	3594	19	US-10-437-963-51978	Sequence 51978, A
33	45.2	5.1	694	14	US-10-184-644-60	Sequence 60, Appli
34	45.2	5.1	694	14	US-10-184-634-60	Sequence 60, Appli
35	45.2	5.1	712	20	US-10-425-115-118813	Sequence 118813, A
36	45	5.1	706	19	US-10-437-963-17102	Sequence 17102, A
37	45	5.1	805	18	US-10-424-599-61903	Sequence 61903, A
38	45	5.1	940	19	US-10-437-963-40850	Sequence 40850, A
39	44.8	5.0	1327	17	US-10-398-221-1265	Sequence 1265, Ap
40	44.8	5.0	1732	19	US-10-437-963-77232	Sequence 77232, A
41	44.8	5.0	53522	10	US-09-904-968A-1	Sequence 1, Appli
42	44.6	5.0	457	18	US-10-424-599-133788	Sequence 133788, A
43	44.4	5.0	766	20	US-10-425-115-82176	Sequence 82176, A
44	44.4	5.0	862	19	US-10-437-963-28390	Sequence 28390, A
45	44.2	5.0	556	20	US-10-363-345A-23585	Sequence 23585, A

#### ALIGNMENTS

RESULT 1  
US-09-994-365-1  
; Sequence 1, Application US/09994365  
; Patent No. US20020115148A1  
; GENERAL INFORMATION:  
; APPLICANT: Charmley, Patrick  
; APPLICANT: Moss, Patrick  
; APPLICANT: McEuen, Mark  
; TITLE OF INVENTION: Compositions and Methods for Diagnosing or Treating Psoriasis  
; FILE REFERENCE: CECH118109  
; CURRENT APPLICATION NUMBER: US/09/994,365  
; CURRENT FILING DATE: 2001-11-26  
; PRIOR APPLICATION NUMBER: US 60/253,592  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 60/256,839  
; PRIOR FILING DATE: 2000-12-15  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1  
; LENGTH: 891  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (64)..(471)  
US-09-994-365-1  
Query Match 100.0%; Score 891; DB 9; Length 891;  
Best Local Similarity 100.0%; Pred. No. 9.1e-258;  
Matches 891; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 CCTCTTGGGTTCCAGGACCCAGACTCAGCCACCCAGCTTGGGGCCAGTACATA 60  
QY 61 GCCATGATCCTCAACTGGAAGCTCCTGGGATCCTGGTCTCTTGGCTGACACAGAGGC 120  
DB 61 GCCATGATCCTCAACTGGAAGCTCCTGGGATCCTGGTCTCTTGGCTGACACAGAGGC 120  
QY 121 ATCTCAGGAGCAGAGGGCCACCCCTCTCACCCACCCGACAGGACCGAGAGGGCAGGC 180  
DB 121 ATCTCAGGAGCAGAGGGCCACCCCTCTCACCCACCCGACAGGACCGAGAGGGCAGGC 180  
QY 181 TCCCCACACTTGGCTCAGGGCCCCCAGTCCCGGTGACCTTGGCCAGGGCCACCCCT 240  
DB 181 TCCCCACACTTGGCTCAGGGCCCCCAGTCCCGGTGACCTTGGCCAGGGCCACCCCT 240  
QY 241 CTCTTTGAAGATCCTCCGCCCTACCCGCCAGTCTGCTCCCTGGAGAGACCTGCTGAAACT 300  
DB 241 CTCTTTGAAGATCCTCCGCCCTACCCGCCAGTCTGCTCCCTGGAGAGACCTGCTGAAACT 300  
QY 301 GGAGTCTGGCCCCCTGAAACCGCTAGAAACCGATCTCTCAACTCCCGGCTGACGAC 360  
DB 301 GGAGTCTGGCCCCCTGAAACCGCTAGAAACCGATCTCTCAACTCCCGGCTGACGAC 360  
QY 361 CTTTGGCGGAGGACCCAGCCCCCAGAAACCCCTGGGCTCTGCCCCCTGAGGTGGAC 420  
DB 361 CTTTGGCGGAGGACCCAGCCCCCAGAAACCCCTGGGCTCTGCCCCCTGAGGTGGAC 420  
QY 421 AACCGACTCAGGAGGACCCAGACTAGACCCACCCCGGAGAGTACAGATAATGGAGT 480  
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QY 481 CCCTCAGCCGTTCTGTTCAGGATCTCCAGGACCCACCGCTCTCCACCTCTGAT 540  
DB 481 CCCTCAGCCGTTCTGTTCAGGATCTCCAGGACCCACCGCTCTCCACCTCTGAT 540  
QY 541 TCCCGGTGAATCTTCCCAATTTAGCTATCTCTTAAACCTCTTCTGATCTCCCTCGGT 600  
DB 541 TCCCGGTGAATCTTCCCAATTTAGCTATCTCTTAAACCTCTTCTGATCTCCCTCGGT 600  
QY 601 TTTATTCTGAACCCGTAAGGTGGTGTCTCAATATTTCTGTCCTCCCTGAGATCCATA 660  
DB 601 TTTATTCTGAACCCGTAAGGTGGTGTCTCAATATTTCTGTCCTCCCTGAGATCCATA 660  
QY 661 CTTAGTCTCACAATCGCCGCTTTTCTCTGACAGCTTAAGCTACTCTCTACCTGCG 720  
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QY 721 CTCAGGCTCGGCCCCACCTACTCTCCACCCGGTCTTCTGTCGGCGGATCGCTGGGG 780  
DB 721 CTCAGGCTCGGCCCCACCTACTCTCCACCCGGTCTTCTGTCGGCGGATCGCTGGGG 780  
QY 781 CAGGGCTATGCTACTGTGTTCCCTTCTGACACCTGGTGGCGGGCAGGAACTATCAGT 840  
DB 781 CAGGGCTATGCTACTGTGTTCCCTTCTGACACCTGGTGGCGGGCAGGAACTATCAGT 840  
QY 841 AGACAGTCTGCTTCCATGAACCGGAAAAATAAATCATGTTTCTTAA 891  
DB 841 AGACAGTCTGCTTCCATGAACCGGAAAAATAAATCATGTTTCTTAA 891

RESULT 2  
US-09-994-365-10  
; Sequence 10, Application US/09994365  
; Patent No. US20020115148A1  
; GENERAL INFORMATION:  
; APPLICANT: Charmley, Patrick  
; APPLICANT: Moss, Patrick  
; APPLICANT: McEuen, Mark  
; TITLE OF INVENTION: Compositions and Methods for Diagnosing or Treating Psoriasis  
; FILE REFERENCE: CECH118109  
; CURRENT APPLICATION NUMBER: US/09/994,365

; CURRENT FILING DATE: 2001-11-26  
; PRIOR APPLICATION NUMBER: US 60/253,592  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 60/256,839  
; PRIOR FILING DATE: 2000-12-15  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 10  
; LENGTH: 2997  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-994-365-10

Query Match 87.0%; Score 775.4; DB 9; Length 2997;  
Best Local Similarity 99.9%; Pred. No. 8.1e-223;  
Matches 776; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 115 AGAGGATCTCAGGACGAGGAGGCGACCCCTCTCACCCACCCGACAGGACCGAGAGGAG 174  
DB 2198 ACAGGATCTCAGGACGAGGAGGCGACCCCTCTCACCCACCCGACAGGACCGAGAGGAG 2257  
QY 175 GCAGGCTCCCCAACATTTGCTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGA 234  
DB 2258 GCAGGCTCCCCAACATTTGCTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGA 2317  
QY 235 CCCCCCTCTCTTTGAAGATCTCCGCCCTACCCGCCAGTCTCCCTGGAGAGACCTGCT 294  
DB 2318 CCCCCCTCTCTTTGAAGATCTCCGCCCTACCCGCCAGTCTCCCTGGAGAGACCTGCT 2377  
QY 295 GAACTGGAGTCTGGGCCCTGAAACCGCTAGAACGGATCTCTCAACTCCCCGGCT 354  
DB 2378 GAACTGGAGTCTGGGCCCTGAAACCGCTAGAACGGATCTCTCAACTCCCCGGCT 2437  
QY 355 GACGACCTTTGGCCGAGGACCCAGGCCCCAGAAAAACCCCTGGCTCTCTGCCCTGAG 414  
DB 2438 GACGACCTTTGGCCGAGGACCCAGGCCCCAGAAAAACCCCTGGCTCTCTGCCCTGAG 2497  
QY 415 GTGGACAAACCGACTCAGGAGGAGGACCTAGACCCACCCCGGAGAGTACAGATAA 474  
DB 2498 GTGGACAAACCGACTCAGGAGGAGGACCTAGACCCACCCCGGAGAGTACAGATAA 2557  
QY 475 TGGAGTCCCTCAGCGGTTCTGTTCAGGATCTCCAGGACCCACCGCTCTCCACCC 534  
DB 2558 TGGAGTCCCTCAGCGGTTCTGTTCAGGATCTCCAGGACCCACCGCTCTCCACCC 2617  
QY 535 TGTGATTCCTGTAATCTTCCCAATTTAGCTATCTCTTAAACCTCTTCTCATTC 594  
DB 2618 TGTGATTCCTGTAATCTTCCCAATTTAGCTATCTCTTAAACCTCTTCTCATTC 2677  
QY 595 CTGGTTTTATTCTGAAACCCGTAAGGTGGTGTCTCAATATTTCTGTCCTCTGAGN 654  
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QY 775 CTGGGCGAGGCTATGTTACTGTTCCTTCTGCGACTTGGTGGCGGGCAGGAACT 834  
DB 2858 CTGGGCGAGGCTATGTTACTGTTCCTTCTGCGACTTGGTGGCGGGCAGGAACT 2917  
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DB 2918 ATCAGTAGACGCTGCTCTCCATGAACCGGAAAAATAAATCATGTTTCTTAA 2974

RESULT 3  
US-09-994-365-4  
; Sequence 4, Application US/09994365

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: PATENT NO. US20020115148A1
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: GENERAL INFORMATION:
: APPLICANT: Charmley, Patrick
: APPLICANT: Moss, Patrick
: APPLICANT: McEuen, Mark
:
: TITLE OF INVENTION: Compositions
: FILE REFERENCE: CECH118109
: CURRENT APPLICATION NUMBER: US
: CURRENT FILING DATE: 2001-11-13
: PRIORITY APPLICATION NUMBER: US
: PRIOR FILING DATE: 2000-11-28
: PRIOR APPLICATION NUMBER: US
: PRIOR FILING DATE: 2000-12-11
: NUMBER OF SEQ ID NOS: 16
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 4
: LENGTH: 3001
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-994-365-4

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QY	2202	ACAGGCATCTCAGGCAGCGAGGGCCACCCCTCTCACCACCCGAGAGGACCGAGAGGAG	2261	
DB				
QY	175	GCAGGCTCCCCAAATTTGGCTCTCAGGCGCCGCCAGTCCGCCGCTGACCTTTGGCCAGGGGCA	234	
DB				
QY	2262	GCAGGCTCCCCAAATTTGGCTCTCAGGCGCCGCCAGTCCGCCGCTGACCTTTGGCCAGGGGCA	2321	
DB				
QY	235	CCCCCTCTTTGAAGATCTTCGCGCTACCGGCCCCAGTCGTCCTCGAGAGACTCGCT	2961	
DB				
QY	2322	CCCCCTCTTTGAAGATCTTCGCGCTACCGGCCCCAGTCGTCCTCGAGAGACTCGCT	2381	
DB				
QY	295	GAAGCTGGAGTCTGGGCCCTTGAAACGCCCTAGAACGGATCTCTCTCAACCTTCCCGGCT	354	
DB				
QY	2382	GAAGCTGGAGTCTGGGCCCTTGAAACGCCCTAGAACGGATCTCTCTCAACCTTCCCGGCT	2441	
DB				
QY	355	GACGACCTTTGGCGGGCAGGACCCAGCCGCCCCAGAAAACCCCTGGCCCTCTCTGCCCTTGAG	414	
DB				
QY	2442	GACGACCTTTGGCGGGCAGGACCCAGCCGCCCCAGAAAACCCCTGGCCCTCTCTGCCCTTGAG	2501	
DB				
QY	415	GTGGAACAACGACCTCAGGAGGAGCCAGACTAGACCCACCCCGGGAAGAGTACAGATAA	474	
DB				
QY	2502	GTGGAACAACGACCTCAGGAGGAGCCAGACTAGACCCACCCCGGGAAGAGTACAGATAA	2561	
DB				
QY	475	TGAGTCCCTCTCAGCCGTTCTGTTCCAGAGCATCTCCAGCACCACCGCCCTCTCCACCC	534	
DB				
QY	2562	TGAGTCCCTCTCAGCCGTTCTGTTCCAGAGCATCTCCAGGACCCACCGCCCTCTCCACCC	2621	
DB				
QY	535	TCTGATTTCCCGTGAAATTTCTCCCAATTTAGCCCTATCTCTTAAACCTCTTCTCATTC	594	
DB				
QY	2622	TCTGATTTCCCGTGAAATTTCTCCCAATTTAGCCCTATCTCTTAAACCTCTTCTCATTC	2681	
DB				
QY	595	CTCGGTTTTATTCTGAACCGGTAAAGTGGTGTCTCAATATTTCTCTGCCCTCTGAGA	654	
DB				
QY	2682	CTCGGTTTTATTCTGAACCGGTAAAGTGGTGTCTCAATATTTCTCTGCCCTCTGAGA	2741	
DB				
QY	655	TCCATCTAGTCTCACAATCGCCGTTTTTTCTCTGAGAGCTAAGCCTACTCTCCTA	714	
DB				
QY	2742	TCCATCTAGTCTCACAATCGCCGTTTTTTCTCTGAGAGCTAAGCCTACTCTCCTA	2801	
DB				
QY	715	CCTCGCCTCCAGGCTCGGGCCCACTACCTCCACCCGGTCTTCTTCGCCGGCGGCGATCG	774	
DB				
QY	2802	CCTCGCCTCCAGGCTCGGGCCCACTACCTCCACCCGGTCTTCTTCGCCGGCGGCGATCG	2861	
DB				
QY	775	CTGGGCGAGGGCTATGTGATCTGTGTTCCCTTTCTGCCACTGTGGCGCGGCGAGGA	834	
DB				
QY	2862	CTGGGCGAGGGCTATGTGATCTGTGTTCCCTTTCTGCCACTGTGGCGCGGCGAGGA	2921	
DB				

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Qy      835  ATCAGTAGACAGCTGCTCCATGAACCGAAGAAATATAAAATCATGTTTCTTAA 891
Db      2922  ATCAGTAGACAGCTGCTCCATGAACCGAAGAAATATAAAATCATGTTTCTTAA 2978

RESULT 4
US-10-467-752-4
; Sequence 4, Application US/10467752
; Publication No. US20040161759A1
; GENERAL INFORMATION:
; APPLICANT: Lench, et al.
; TITLE OF INVENTION: Test and Model for Inflammatory disease
; FILE REFERENCE: 2003882-0009
; CURRENT APPLICATION NUMBER: US/10/467,752
; CURRENT FILING DATE: 2003-08-13
; PRIOR APPLICATION NUMBER: PCT/GB02/00653
; PRIOR FILING DATE: 2002-02-13
; PRIOR APPLICATION NUMBER: GB0103514.6
; PRIOR FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 55050
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (13351)..(13351)
; OTHER INFORMATION: n is a or t or g or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13401)..(13401)
; OTHER INFORMATION: n is a or t or g or c
; US-10-467-752-4

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Query Match	87.0%;	Score	775;	DB	19;	Length	55050;
Best Local Similarity	99.7%;	Pred. No.	2.3e-22;				
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Db	27096	ACAGGCATCTCAGGCAGCAGGGCCACCCCTCTCACCCACCGCAGAGGACCGAGAGGAG	27155				
Qy	175	GcAGGCTCCCCAAACATTGGCTCAGGGCCCCCCAGTCCCGGTGACCTTTGGCAGGGGCA	234				
Db	27156	GcAGGCTCCCCAAACATTGGCTCAGGGCCCCCCAGTCCCGGTGACCTTTGGCAGGGGCA	27215				
Qy	235	CCCCCTCTCTTTGAAGATCCTCCGGCTACCCGGCCCCAGTCGTCTCTGGAGAGACCTGGCT	294				
Db	27216	CCCCCTCTCTTTGAAGATCCTCCGGCTACCCGGCCCCAGTCGTCTCTGGAGAGACCTGGCT	27275				
Qy	295	GAAACTTGGAGTTGGCCCCCTGAAACCGCTAGAACGGATCTCTCTCAAACCTCCCGGGCT	354				
Db	27276	GAAACTTGGAGTTGGCCCCCTGAAACCGCTAGAACGGATCTCTCTCAAACCTCCCGGGCT	27335				
Qy	355	GACGACCTTTGGCCGGCAGGACCCACAGCCCCCAGAAAAACCCCTGGCTCTCTGCCCTGAG	414				
Db	27336	GACGACCTTTGGCCGGCAGGACCCACAGCCCCCAGAAAAACCCCTGGCTCTCTGCCCTGAG	27395				
Qy	415	GTGGACAAACCGACCTCAGGAGGAGCCAGACTAGACCCACCCCGGAGAGGTACAGATAA	474				
Db	27396	GTGGACAAACCGACCTCAGGAGGAGCCAGACTAGACCCACCCCGGAGAGGTACAGATAA	27455				
Qy	475	TGGAGTCCCTCAGCCGGTTCTGTCCAGGCACTCCAGGACCCACAGCCCTCTCCACCC	534				
Db	27456	TGGAGTCCCTCAGCCGGTTCTGTCCAGGCACTCCAGGACCCACAGCCCTCTCCACCC	27515				
Qy	535	TCGTGATCCCGTGAATCTTCCCAATTTAGCCTATCTCTCTTAAACCTCTTCTCATTCC	594				
Db	27516	TCGTGATCCCGTGAATCTTCCCAATTTAGCCTATCTCTCTTAAACCTCTTCTCATTCC	27575				
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US-10-164-230-2
; Sequence 2, Application US/10164230
; Publication No. US20030170652A1
; GENERAL INFORMATION:
; APPLICANT: Inoko, Hidetoshi
; APPLICANT: Tamiya, Gen
; TITLE OF INVENTION: METHOD OF TESTING FOR PSORIASIS VULGARIS
; FILE REFERENCE: 06501-112US1
; CURRENT APPLICATION NUMBER: US/10/164,230
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: PCT/JP00/08624
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: JP 11/346867
; PRIOR FILING DATE: 1993-12-06
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 25235

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Query Match 86.8%; Score 773.8; DB 16; Length 25235;

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RESULT 6
US-10-029-386-5700
; Sequence 5700, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Ranzel, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIV
; TITLE OF INVENTION: EXPRESSION ANALY
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing En
; SEQ ID NO 5700
; LENGTH: 565

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NAME/KEY: modified\_base  
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Db 803 CCCCCCCCCNNCCCCCNCCCCNNCCCCCCCCCCCCNNNNCCCCCCCCCCCCCCCCNN 744  
QY 372 AGGACCCAGCCCCCAGAAAAACCCCTGGCTCTCTGCCCCCTGAGTGAGACACGACCTCA 431  
Db 743 NCCCCCGNNNNNNNNCCCCCCCCCCCCCCCCNNCCNCCNCCCCCCCCCCCCCCCC 684  
QY 432 GGAGGAGCAGACTAGACCAACCCCGGAGAGTACAGATAATGAGAGTCCCTCAGCG 491  
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QY 492 TTTCTGTTCCAGGATCTCCAGGACACCGCCTCTCCACCTCTGATTCGCGTGAAT 551  
Db 623 CNNNCCNCCCCCCCCCCCCNNCCCCNNCCCCCCCCCCCCCCCCNNCCNCCNCCN 564  
QY 552 TTTTCCCAATTAGCTATCTCTTAACTCTTCTCTCATTCCTCGTTTATTCTGAA 611  
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QY 612 CCGTAGGTGGTGTCTCAATATTCTGTGCTCTCTGAGATCACTTAGTCTCA 671  
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QY 672 CATCGCCGTTTTTCTCTGAGAGCTAAGCTACTCTCTACCTCGCTCCAGGCTC 731  
Db 443 CCCCCCCCCNNCCCCCCCCNNCCCCCCCCCCCCNNCCNCCNCCNCCNCCNCCN 384  
QY 732 GGCCCCACCTACTCTCCACC 751  
Db 383 NNNNNCCNNCCNNNNCC 364

## RESULT 12

US-09-908-975-5077  
; Sequence 5077, Application US/09908975  
; Publication No. US20030165843A1  
; GENERAL INFORMATION:  
; APPLICANT: SHOSHAN, Avi  
; APPLICANT: WASSERMAN, Alon  
; APPLICANT: MINTZ, Eli  
; APPLICANT: MINTZ, Liat  
; APPLICANT: FAIGLER, Simchon  
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE  
; FILE REFERENCE: 36688-0005  
; CURRENT APPLICATION NUMBER: US/09/908,975  
; PRIOR FILING DATE: 2001-07-20  
; PRIOR FILING DATE: 2001-07-24  
; PRIOR FILING DATE: 2001-05-02  
; PRIOR FILING DATE: 2001-05-02  
; PRIOR FILING DATE: 2000-07-28  
; NUMBER OF SEQ ID NOS: 32337  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5077  
; LENGTH: 60  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-908-975-5077

Query Match 6.7%; Score 60; DB 10; Length 60;  
Best Local Similarity 100.0%; Pred. No. 8e-08;  
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 522 GCCTCTCCACCTCTGATTCGCCGTAATTTCTTCCCAATTAGCCTATCTCTTAACC 581  
Db 1 GCCCTCTCCACCTCTGATTCGCCGTAATTTCTTCCCAATTAGCCTATCTCTTAACC 60

## RESULT 13

US-10-437-963-44536

; Sequence 44536, Application US/10437963  
; Publication No. US20040123343A1  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa, Thomas J.  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Zhou, Yihua  
; APPLICANT: Cao, Yongwei  
; APPLICANT: Wu, Wei  
; APPLICANT: Boukharov, Andrey A.  
; APPLICANT: Barbazuk, Brad  
; APPLICANT: Li, Ping  
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With  
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement  
; FILE REFERENCE: 38-21(53221)B  
; CURRENT APPLICATION NUMBER: US/10/437,963  
; CURRENT FILING DATE: 2003-05-14  
; NUMBER OF SEQ ID NOS: 204966  
; SEQ ID NO 44536  
; LENGTH: 925  
; TYPE: DNA  
; ORGANISM: Oryza sativa  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: (1)..(925)  
; OTHER INFORMATION: unsure at all n locations  
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; OTHER INFORMATION: Clone ID: PAT\_MRT4530\_47588C.1  
US-10-437-963-44536

Query Match 6.4%; Score 56.6; DB 19; Length 925;  
Best Local Similarity 40.7%; Pred. No. 1.7e-06;  
Matches 269; Conservative 0; Mismatches 392; Indels 0; Gaps 0;

QY 109 CACACGAGGATCTCAGGAGCGAGGCGCACCCCTCTCACCCACCCGAGAGGACCGA 168  
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Db 295 GACC 354  
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QY 289 CTGCTGAACCTGGAGTCTGGGCCCTCTGAACCGCTAGAACGATCTCTCAACCTCC 348  
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QY 349 CGGCTGAGACCTTTGGCGGCGAGAGCCCGAGCCCGCAGAAAACCCCTGGCTCTGCG 408  
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## RESULT 14

US-10-425-115-146045  
; Sequence 146045, Application US/10425115  
; Publication No. US20040214272A1  
; GENERAL INFORMATION:  
; APPLICANT: Thomas J.  
; APPLICANT: La Rosa, Thomas J.  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Zhou, Yihua  
; APPLICANT: Cao, Yongwei  
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with  
; FILE REFERENCE: 38-21(53222)B  
; CURRENT APPLICATION NUMBER: US/10/425,115  
; PRIOR FILING DATE: 2003-04-28  
; NUMBER OF SEQ ID NOS: 369326  
; SEQ ID NO 146045  
; LENGTH: 891  
; TYPE: DNA  
; ORGANISM: Zea mays  
; FEATURE:  
; OTHER INFORMATION: Clone ID: MRT4577\_64708C.1  
US-10-425-115-146045

Query Match 6.3%; Score 56; DB 20; Length 891;

Best Local Similarity 44.1%; Pred. No. 2.6e-06;  
Matches 289; Conservative 0; Mismatches 360; Indels 7; Gaps 1;

QY 109 CACACGAGGATCTCAGGAGGCGCCACCTCTCACCCACCGCAGAGGACCGA 168  
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## RESULT 15

US-10-017-161-1481/c  
; Sequence 1481, Application US/10017161  
; Publication No. US20030143668A1  
; GENERAL INFORMATION:  
; APPLICANT: SUWA, MAKIKO  
; APPLICANT: ASAI, KIYOSHI  
; APPLICANT: AKIYAMA, YUTAKA  
; APPLICANT: ABURATANI, HIROYUKI  
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS  
; FILE REFERENCE: 084335/0152  
; CURRENT APPLICATION NUMBER: US/10/017,161  
; PRIOR FILING DATE: 2002-12-18  
; PRIOR APPLICATION NUMBER: JP 2001/246789  
; PRIOR FILING DATE: 2001-06-18  
; NUMBER OF SEQ ID NOS: 2430  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1481  
; LENGTH: 5452  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 29, 2005, 13:48:13 ; Search time 197 Seconds  
(without alignments)  
7400.622 Million cell updates/sec

Title: US-09-994-365-1

Perfect score: 891

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents NA:\*
- 1: /cgn2\_6/ptodata/1/ina/5A COMB.seq.\*
  - 2: /cgn2\_6/ptodata/1/ina/5B COMB.seq.\*
  - 3: /cgn2\_6/ptodata/1/ina/6A COMB.seq.\*
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  - 5: /cgn2\_6/ptodata/1/ina/PCTUS COMB.seq.\*
  - 6: /cgn2\_6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	160	18.0	248	US-09-621-976-9776	Sequence 9776, Ap
2	80.8	9.1	7218	US-08-232-463-14	Sequence 14, Appl
3	45.4	5.1	2220	US-08-765-907A-14	Sequence 14, Appl
4	45.4	5.1	2220	US-09-987-614A-14	Sequence 14, Appl
5	45.4	5.1	4496	US-08-765-907A-6	Sequence 6, Appl
6	45.4	5.1	4496	US-09-987-614A-6	Sequence 6, Appl
7	44.8	5.0	53526	US-08-658-136-2	Sequence 2, Appl
8	44.8	5.0	53577	US-08-658-136-1	Sequence 1, Appl
C 9	44.6	5.0	43414	US-09-949-016-12839	Sequence 12839, A
C 10	44.6	5.0	43415	US-09-949-016-16491	Sequence 16491, A
11	43.8	4.9	645	US-08-403-852D-9	Sequence 9, Appl
12	43.8	4.9	645	US-08-510-846B-9	Sequence 9, Appl
13	43.8	4.9	645	US-09-231-818-9	Sequence 9, Appl
14	43.8	4.9	645	US-09-635-359B-9	Sequence 9, Appl
C 15	42.6	4.8	1926	US-09-249-585A-2	Sequence 2, Appl
C 16	42.6	4.8	1926	US-09-410-399-3	Sequence 3, Appl
C 17	42.6	4.8	2580	US-09-050-863-2	Sequence 2, Appl
C 18	42.6	4.8	2580	US-09-359-081-2	Sequence 2, Appl
19	42.6	4.8	5452	US-09-130-114-1	Sequence 1, Appl
20	42.6	4.8	8705	US-09-647-344A-14	Sequence 14, Appl
C 21	42.6	4.8	9600	US-08-910-647-1	Sequence 1, Appl
C 22	42.6	4.8	9600	US-09-620-925-1	Sequence 1, Appl
C 23	42.6	4.8	10596	US-07-884-811-15	Sequence 15, Appl
C 24	42.6	4.8	10596	US-07-885-971-15	Sequence 15, Appl
C 25	42.6	4.8	10596	US-08-087-783A-15	Sequence 15, Appl
C 26	42.6	4.8	10596	US-08-194-088B-15	Sequence 15, Appl
C 27	42.6	4.8	10596	US-08-194-087-15	Sequence 15, Appl

C 28	42.6	4.8	10596	5	PCT-US93-04648-15	Sequence 15, Appl
29	42.6	4.8	16080	4	US-09-724-566A-48	Sequence 48, Appl
30	42.6	4.8	16080	4	US-09-471-669A-48	Sequence 48, Appl
31	42.6	4.8	152331	3	US-09-128-155-16	Sequence 16, Appl
32	42.4	4.8	234884	4	US-09-949-016-16420	Sequence 16420, A
C 33	41.4	4.6	1059	4	US-09-902-540-5576	Sequence 5576, Ap
C 34	41.4	4.6	41927	4	US-09-902-540-1288	Sequence 1288, Ap
C 35	41	4.6	364	4	US-09-621-976-17202	Sequence 17202, A
36	41	4.6	1166	3	US-09-072-596-323	Sequence 323, App
37	41	4.6	1166	4	US-09-072-596-328	Sequence 328, App
38	41	4.6	3297	4	US-09-620-312D-417	Sequence 417, App
39	40.6	4.6	64377	4	US-09-949-016-15212	Sequence 15212, A
40	40.6	4.6	64377	4	US-09-949-016-15213	Sequence 15213, A
41	40.6	4.6	64377	4	US-09-949-016-15214	Sequence 15214, A
42	40.6	4.6	64377	4	US-09-949-016-15215	Sequence 15215, A
43	40.6	4.6	64377	4	US-09-949-016-15216	Sequence 15216, A
C 44	39.8	4.5	325034	4	US-09-949-016-14957	Sequence 14957, A
C 45	39.8	4.5	389504	4	US-09-949-016-11774	Sequence 11774, A

ALIGNMENTS

RESULT 1  
US-09-621-976-9776/c  
; Sequence 9776, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENSET.054PR2  
; CURRENT APPLICATION NUMBER: US/09/621,976  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 9776  
; LENGTH: 248  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 188  
; OTHER INFORMATION: n=a, g, c or t  
US-09-621-976-9776

Query Match	18.0%	Score 160;	DB 4;	Length 248;
Best Local Similarity	93.0%	Pred. No. 1.4e-35;		
Matches 173;	Conservative	5;	Mismatches	3; Gaps 1;
QY	293	CTGAACCTGGAGTCTGGCCCTGACCCCTAGACCGGATCTCTCAACCTCCCGGC	352	
Db	186	CTGAACCTGGAGTCTGGCCCTGACCCCTAGACCGGATCTCTCAACCTCCCGGC	127	
QY	353	CTGACGACCTTGGCCGGGAGGAGCCCTCCAGCAAAACCTGCGCTCTCTGCCC	409	
Db	126	CTGACGACCTTGGCCGGGAGGAGCCCTCCAGCAAAACCTGCGCTCTCTGCCC	67	
QY	410	CTGAGTGGAGCAACCGACCTCAGGAGGAGCCAGCTAGACCCACCCCGGAGAGGTACA	469	
Db	66	CTGAGTGGAGCAACCGACCTCAGGAGGAGCCAGCTAGACCCACCCCGGAGAGGTACA	7	
QY	470	GATAAT 475		
Db	6	GATAAT 1		

RESULT 2  
US-08-232-463-14  
; Sequence 14, Application US/08232463  
; Patent No. 5670367  
; GENERAL INFORMATION:

APPLICANT: DORNER, F.  
APPLICANT: SCHEIFLINGER, F.  
APPLICANT: FALKNER, F. G.  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,463  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/935,313  
FILING DATE:  
APPLICATION NUMBER: EP 91 114 300.6  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 30472/114 IMMU  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7218 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
CLONE: pTZgpt-Fls  
IMMEDIATE SOURCE:  
US-08-232-463-14

Query Match 9.1%; Score 80.8; DB 1; Length 7218;  
Best Local Similarity 4.9%; Pred. No. 2e-12;  
Matches 19; Conservative 237; Mismatches 134; Indels 0; Gaps 0;  
QY 480 TCCCTCAGCGTCTCTCCAGGCATCTCCAGGCACCCAGGCCCTCTCCACCCCTCTGA 539  
Db 1090 YY 1149  
QY 540 TTCCCGTGAATTTCCCAATTTAGCCTATCTCTTAAACCTCTCTCTCATTCCTCGG 599  
Db 1150 YY 1209  
QY 600 TTTTATTTGAACCGTAAGTGTTCTCAATATTTCTCTGCTCCCTCTGAGATCCAT 659  
Db 1210 YY 1269  
QY 660 ACTTAGTCCTCACATCGCCGTTTTCCTCTGACAGCCTTAAGCCTACTCTCTACCTCG 719  
Db 1270 YY 1329  
QY 720 CTTCCAGGCTCGGCCCCACCTACTCCACCCCGGTCTCTCTGCGCGCGATCGTGGG 779  
Db 1330 YY 1389  
QY 780 GCAGGGCTAGTACTGTCTCTCTGCACTCTGCGCGCGCGCAAGAACTATCAG 839  
Db 1390 YY 1449  
QY 840 TAGACAGCTGTGCTTCCATGAACGGA 869

Db 1450 ATCTCTTTAACTACTTGTCATAGTAGGTAA 1479  
RESULT 3  
US-08-765-907A-14  
; Sequence 14, Application US/08765907A  
; Patent No. 6352839  
; GENERAL INFORMATION:  
; APPLICANT: BLANC, Veronique  
; APPLICANT: THIBAUT, Denis  
; APPLICANT: BAWAS-JACQUES, Nathalie  
; APPLICANT: BLANCHE, Francis  
; APPLICANT: COUZET, Joel  
; APPLICANT: BARRIERE, Jean-Claude  
; APPLICANT: DEBUSSCHE, Laurent  
; APPLICANT: FAMECHON, Alain  
; APPLICANT: PARSIS, Jean-Marc  
; APPLICANT: DUTRUC-ROSSET, Gilles  
; TITLE OF INVENTION: Streptogramins And Method For Preparing Same By  
; TITLE OF INVENTION: Mutasyntesis  
; FILE REFERENCE: Streptogramin genes  
; CURRENT APPLICATION NUMBER: US/08/765,907A  
; CURRENT FILING DATE: 1997-03-20  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 2220  
; TYPE: DNA  
; ORGANISM: Streptomyces pristinaespiralis  
US-08-765-907A-14

Query Match 5.1%; Score 45.4; DB 3; Length 2220;  
Best Local Similarity 46.0%; Pred. No. 0.013;  
Matches 192; Conservative 0; Mismatches 221; Indels 4; Gaps 1;  
QY 14 CCAGGCACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCATGATCCTCA 73  
Db 248 CCACCGACACCGACCTGGGCTTACGCCGCGGGTGATACCGAATGGGACCTTGCCTGC 307  
QY 74 ACTGGAAGCTCTCTGGGGATCTTGGTCTCTTTGCTGCTGCACACCGAGAGCATCTCAGGCG 133  
Db 308 TCGGGGTGTCTTGGGCCACAGGCCCTGTCTGCTCGCGCGCGCGCTGCTCCACG 367  
QY 134 AGGGCCACCCCTCTACCCACCGCAGAGGACCGAGAGGAGGAGGCTCCCCAACATTGC 193  
Db 368 CACCCGAACCCCTTTCACGGCCGCGC---ACCAGCGACATCCGCCACGACGGGCGGCTG 423  
QY 194 CTCAGGGCCCCCAGTCCCGGTGACCCCTTGGCCAGGGGCACCCCTCTCTTTGAAGATC 253  
Db 424 TTGCGGAATCTCCCTCCCGCTGACCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 483  
QY 254 CTCGCGCTACTCCGCGCCCTCCTCTGAGAGACCTGCTGAAACTGGAGTCTGCGCCCC 313  
Db 484 CTGCGCGCGACCTGCGCGCCACCGCCACCGCGCGAGCTGATGGCGCTGCGC 543  
QY 314 CTGAACCGCTAGACGGATCTCTCAACCTCCCGGCTGACGACCTTGGCGCGCAG 373  
Db 544 CACCGCACCTGCGCGCTTCCGCGTGCAGTTCCACCCCGAATCGATCAGACGCAACAC 603  
QY 374 GACCCAGCCCCCAGAAAAACCCCTGCGCTCTGCGCTGAGTGGACAAACCGACCTC 430  
Db 604 GGCACCGATGCTGCCAACTTCGCGACCTTCTCTGCGCGCGCGCGCCACCGC 660

RESULT 4  
US-09-987-614A-14  
; Sequence 14, Application US/09987614A  
; Patent No. 6833382  
; GENERAL INFORMATION:  
; APPLICANT: BLANC, Veronique  
; APPLICANT: THIBAUT, Denis  
; APPLICANT: BAWAS-JACQUES, Nathalie

```
; APPLICANT: BLANCHE, Francis
; APPLICANT: COUZET, Joel
; APPLICANT: BARRIERE, Jean-Claude
; APPLICANT: DEBUSSCHE, Laurent
; APPLICANT: FAMECHON, Alain
; APPLICANT: PARIS, Jean-Marc
; APPLICANT: DUTRUC-ROSSET, Gilles
; TITLE OF INVENTION: Streptogramins And Method For Preparing Same By
; FILE OF INVENTION: Mutasyntesis
; CURRENT APPLICATION NUMBER: US/09/987,614A
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US/08/765,907
; PRIOR FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 2220
; TYPE: DNA
; ORGANISM: Streptomyces pristinaespiralis
US-09-987-614A-14

Query Match      5.1%; Score 45.4; DB 4; Length 2220;
Best Local Similarity 46.0%; Pred. No. 0.013;
Matches 192; Conservative 0; Mismatches 221; Indels 4; Gaps 1;

QY 14 CCAGGACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 248 CCACCGACACCGACTGGGCTCAGCCCGGGTGATCACCAGATGGGACTCGCGTGC 307

QY 74 ACTGGAAGCTCTGGGGATCCTGGTCTTTGGCTTGACACACAGAGGATCTCAGGAGCG 133
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 308 TCGGGGTGTCTGGGGCCACAGGCCCTGTGCTCTGCTCGCGCGCGCTGTCTCCACG 367

QY 134 AGGGCCACCCCTCTACCCACCCGACGAGACGAGAGGAGGAGGCTCCCAACATTGC 193
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 368 CACCCGAACCTTTACGGCGCGC-----ACCAGGACATCCGCCACGAGGGGCGCTG 423

QY 194 CTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGACCCCTCTCTTTGAAGATC 253
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 424 TTGCGNAGATCCCTCCCGCTGACCGTGTGCTGCTACACTCGCTGACCGTCCGGCAA 483

QY 254 CTCGGCTACCCGCCCCAGTCTGCTCTGGAGAGACCTGTGAACTGGAGTCTGGCCCC 313
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 484 CTGCGCCGACCTGCGCGCCACCGCCACACCGCGACGCGAGCTGATGGCGTGC 543

QY 314 CTGAACCGCTAGAACGGATCTCTCAACCTCCCGGCTGAGGACCTTTGGCGGCGAG 373
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 544 CACCGCACCTGCCCCGCTTTCGGCGTGCAGTTCCACCCCGAATCGATCAGCAGCAAC 603

QY 374 GACCCAGCCCCCAGAAACCCCTGGGCTCTGCGCTGAGGTGGACACCGACCTC 430
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 604 GGCACCGGATGTCGCCAACTTCCGCGACCTGTCTCTGCGCGGCGGCCACCGC 660

RESULT 5
US-08-765-907A-6
; Sequence 6, Application US/08765907A
; Patent No. 6352839
; GENERAL INFORMATION:
; APPLICANT: BLANC, Veronique
; APPLICANT: THIBAUT, Denis
; APPLICANT: BAWAS-JACQUES, Nathalie
; APPLICANT: BLANCHE, Francis
; APPLICANT: COUZET, Joel
; APPLICANT: BARRIERE, Jean-Claude
; APPLICANT: DEBUSSCHE, Laurent
; APPLICANT: FAMECHON, Alain
; APPLICANT: PARIS, Jean-Marc
; APPLICANT: DUTRUC-ROSSET, Gilles
; TITLE OF INVENTION: Streptogramins And Method For Preparing Same By
; FILE OF INVENTION: Mutasyntesis
; CURRENT APPLICATION NUMBER: US/09/987,614A
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US/08/765,907
; PRIOR FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4496
; TYPE: DNA
; ORGANISM: Streptomyces pristinaespiralis
US-09-987-614A-6
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; CURRENT APPLICATION NUMBER: US/08/765,907A
; CURRENT FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4496
; TYPE: DNA
; ORGANISM: Streptomyces pristinaespiralis
US-08-765-907A-6

Query Match      5.1%; Score 45.4; DB 3; Length 4496;
Best Local Similarity 46.0%; Pred. No. 0.018;
Matches 192; Conservative 0; Mismatches 221; Indels 4; Gaps 1;

QY 14 CCAGGACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3205 CCACCGACACCGACTGGGCTCAGCCCGGGTGATCACCAGATGGGACTCGCGTGC 3264

QY 74 ACTGGAAGCTCTGGGGATCCTGGTCTTTGGCTTGACACACAGAGGATCTCAGGAGCG 133
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3265 TCGGGGTGTCTGGGGCCACAGGCCCTGTGCTCTGCTCGCGCGCGCTGTCTCCACG 3324

QY 134 AGGGCCACCCCTCTACCCACCCGACGAGACGAGAGGAGGAGGCTCCCAACATTGC 193
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3325 CACCCGAACCTTTACGGCGCGC-----ACCAGGACATCCGCCACGAGGGGCGCTG 3380

QY 194 CTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGACCCCTCTCTTTGAAGATC 253
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3381 TTGCGNAGATCCCTCCCGCTGACCGTGTGCTGCTACACTCGCTGACCGTCCGGCAA 3440

QY 254 CTCGGCTACCCGCCCCAGTCTGCTCTGGAGAGACCTGTGAACTGGAGTCTGGCCCC 313
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3441 CTGCGCGGACCTGCGCGCCACCGCCACACCGCGAGCGGCGAGCTGATGGCGTGC 3500

QY 314 CTGAACCGCTAGAACGGATCTCTCAACCTCCCGGCTGAGGACCTTTGGCGGCGAG 373
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3501 CACCGCACCTGCCCCGCTTTCGGCGTGCAGTTCCACCCCGAATCGATCAGCAGCAAC 3560

QY 374 GACCCAGCCCCCAGAAACCCCTGGGCTCTGCGCTGAGGTGGACACCGACCTC 430
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3561 GGCACCGGATGTCGCCAACTTCCGCGACCTGTCTCTGCGCGGCGGCCACCGC 3617

RESULT 6
US-09-987-614A-6
; Sequence 6, Application US/09987614A
; Patent No. 6833382
; GENERAL INFORMATION:
; APPLICANT: BLANC, Veronique
; APPLICANT: THIBAUT, Denis
; APPLICANT: BAWAS-JACQUES, Nathalie
; APPLICANT: BLANCHE, Francis
; APPLICANT: COUZET, Joel
; APPLICANT: BARRIERE, Jean-Claude
; APPLICANT: DEBUSSCHE, Laurent
; APPLICANT: FAMECHON, Alain
; APPLICANT: PARIS, Jean-Marc
; APPLICANT: DUTRUC-ROSSET, Gilles
; TITLE OF INVENTION: Streptogramins And Method For Preparing Same By
; FILE OF INVENTION: Mutasyntesis
; CURRENT APPLICATION NUMBER: US/09/987,614A
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US/08/765,907
; PRIOR FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4496
; TYPE: DNA
; ORGANISM: Streptomyces pristinaespiralis
US-09-987-614A-6
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Query Match      5.1%; Score 45.4; DB 4; Length 4496;
Best Local Similarity 46.0%; Pred. No. 0.018;
Matches 192; Conservative 0; Mismatches 221; Indels 4; Gaps 1;

Qy 14  CAGGACACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3205 CCACCGACACCGACTCGGCTCAGCGCCGGGTGATCAGGAATGGACCTGCGGTGC 3264

Qy 74  ACTGGAAGCTCTGGGATCTGCTGCTTTGCTTGCCTGCACACAGAGGATCTCAGGACGC 133
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3265 TCGGGGTGCTGGGACACAGAGCCCTGTGCTGCTCGCGGCGCGCGCTGCTCACG 3324

Qy 134 AGGGCCACCCCTCTCACCCACCCGACAGAGGAGGAGGAGGCTCCCAACATTGC 193
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3325 CACCGAACCTTTACGGCGGC-----ACAGGACATCCGCCACGAGGGCAGGGCTG 3380

Qy 194 CTAGGCGCCCCAGTCCCGGTGACCTTTGGCAGGGGACCCCTCTCTTTGAAGATC 253
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3381 TTGCGAACATCCCTCCCGCTGACCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCT 3440

Qy 254 CTGCGCTACCGCCCGCCAGTGGTCCCTGGAGAGACTGCTGAACTGGAGTCTGGCCCC 313
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3441 CTGCGCCCGACCTCGCGCGCACCGCCACACCGCCGACGAGCTGATGGCGGTGCC 3500

Qy 314 CTGAACCGCTAGAACGATCTCTCAACTCCCGCGCTGACGACCCCTTGGCGGCGAG 373
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3501 CACCGCACCTGCCCCGCTTGGGTGCTGCTTCAACCCGANTGATCAGAGGGAACAC 3560

Qy 374 GAACCCAGCCCCAGAAACCCCTGGCTCTGCTCCCTGAGGTGGACAAACCGACCTC 430
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3561 GGCACCGGATGCTCGCAACTTCCGCGACTGTCTCCCTGCGCGCGCGCCACCGC 3617

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RESULT 7
US-08-658-136-2
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

Query Match      5.0%; Score 44.8; DB 3; Length 53526;
Best Local Similarity 50.0%; Pred. No. 0.081;
Matches 112; Conservative 0; Mismatches 112; Indels 0; Gaps 0;

Qy 553 CTTCCCAATTAGCTATCTCCTTAAACCTCTCTCTCATTCCTCGGTTTATCTGAAC 612
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 36008 CTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 36067

Qy 613 CCGTAGGTGGTGTCTCAATATTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 672
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 36068 CCGTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 36127

Qy 673 ATGCGCCGTTTTTCTCTCTGACAGCCTAAGCCTACTCTCTCTCTCTCTCTCTCTCTCT 732
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 36128 TTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 36187

Qy 733 GCGCCACCTACTCTCCACCGGCTTCTCTGCGCGCGGATCGCT 776
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 36188 CTTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 36231

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RESULT 8
US-08-658-136-1
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1

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Query Match 5.0%; Score 44.8; DB 3; Length 53577;  
Best Local Similarity 50.0%; Pred. No. 0.081;  
Matches 112; Conservative 0; Mismatches 112; Indels 0; Gaps 0;  
  
QY 553 CTTCCCAATTTAGCTATCTCCCTTAACCTCTCTCTCATTCCTCGGTTTATTCTGAAC 612  
DB 36003 CTCCCTCTCTCTCCCTCTCTCTCCCTCTCTCTCCCTCTCTCTCTCTCTCTCTCT 36062  
  
QY 613 CCCTAAGTGGTGTCTCAATATTTCTGTCCTCTGAGATCCATPACTAGTCTCTCAC 672  
DB 36063 CCCTCCCT 36122  
  
QY 673 ATGCCCGGTTTTCTCTGACAGCTAAGCTACTCTCTCTCTCTCTCTCTCTCTCTCTCT 732  
DB 36123 TTCT 36182  
  
QY 733 GCCCACCCTACCTCCACCGGTTCTCTCTGCGCGGATCGCT 776  
DB 36183 CTTCCCT 36226

RESULT 9  
US-09-949-016-12839/c  
; Sequence 12839, Application US/09949016  
; Patent No. 6812339  
; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12839  
; LENGTH: 43414  
; TYPE: DNA  
; ORGANISM: Human  
US-09-949-016-12839

Query Match 5.0%; Score 44.6; DB 4; Length 43414;  
Best Local Similarity 48.3%; Pred. No. 0.084;  
Matches 125; Conservative 0; Mismatches 134; Indels 0; Gaps 0;  
  
QY 509 TCCAGGCACCCAGCCCTCTCCACCTCTGATTCGCCGTGAATTTCTCCCAATTTAGCCT 568  
DB 39638 TCCCT 39579  
  
QY 569 ATCTCCTTAAACCTCTCTCTCATTCCTCGGTTTATTCTGAACCCGTAAGGTGGTTC 628  
DB 39578 CCCTTCT 39519  
  
QY 629 TCAATATTTCT 688  
DB 39518 TCT 39459  
  
QY 689 TCTGACAGCCTAAGCCTACT 748  
DB 39458 CTTCCCT 39399  
  
; 749 ACCCGGTCT 767  
DB 39398 TCCCT 39380

RESULT 10  
US-09-949-016-16491/c

; Sequence 16491, Application US/09949016  
; Patent No. 6812339  
; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16491  
; LENGTH: 43415  
; TYPE: DNA  
; ORGANISM: Human  
US-09-949-016-16491

Query Match 5.0%; Score 44.6; DB 4; Length 43415;  
Best Local Similarity 48.3%; Pred. No. 0.084;  
Matches 125; Conservative 0; Mismatches 134; Indels 0; Gaps 0;  
  
QY 509 TCCAGGCACCCAGCCCTCTCCACCTCTGATTCGCCGTGAATTTCTCCCAATTTAGCCT 568  
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QY 569 ATCTCCTTAAACCTCTCTCTCATTCCTCGGTTTATTCTGAACCCGTAAGGTGGTTC 628  
DB 39578 CCCTTCT 39519  
  
QY 629 TCAATATTTCT 688  
DB 39518 TCT 39459  
  
QY 689 TCTGACAGCCTAAGCCTACT 748  
DB 39458 CTTCCCT 39399  
  
; 749 ACCCGGTCT 767  
DB 39398 TCCCT 39380

RESULT 11  
US-08-403-852D-9  
; Sequence 9, Application US/08403852D  
; Patent No. 5891695  
; GENERAL INFORMATION:  
; APPLICANT: Blanc, Veronique  
; APPLICANT: Blanche, Francis  
; APPLICANT: Crouzet, Joel  
; APPLICANT: Jacques, Nathalie  
; APPLICANT: Lacroix, Patricia  
; APPLICANT: Thibaut, Denis  
; APPLICANT: Zagorec, Monique  
; APPLICANT: Debussche, Laurent  
; APPLICANT: De Cracy-Lagard, Valerie  
; TITLE OF INVENTION: Polypeptides Involved In The  
; TITLE OF INVENTION: Biosynthesis Of Streptogramins, Nucleotide Sequences  
; TITLE OF INVENTION: Coding For These Polypeptides And Their Use  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner  
; STREET: 1300 I Street, N.W., Suite 700  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,852D
; FILING DATE: 10-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 93/00923
; FILING DATE: 25-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 92/11441
; FILING DATE: 25-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03806.0054-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 645 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: S.pristinaespiralis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 61..645
; OTHER INFORMATION: /product= "gene papA"
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; US-08-403-852D-9
;
; Query Match 4.9%; Score 43.8; DB 2; Length 645;
; Best Local Similarity 46.1%; Pred. No. 0.021;
; Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;
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; QY 14 CCAGGCACCCAGATCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCTCA 73
; DB 248 CCACCGACACGACTGGGCTCAGCCGCGGTGATCACCAGATGGAGCTGCCGTGC 307
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; QY 74 ACTGGAAGCTCTGGGATCTGTGCTTTGGCTGCAACACAGAGGATCTCAGGCAGCG 133
; DB 308 TCGGGGTGTGCTGGGCACCCAGGCCCTGTGCTGCTCGCGGCGCGCTGTCACG 367
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; QY 134 AGGCCACCCCTCTCACCACCCAGAGGACCGAGAGGAGGAGGCTCCCAACATTGC 193
; DB 368 CACCGAACCTTTTCAGCGCGC-----ACCAGCACATCCGCCACGACGGGCGCTG 423
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; QY 194 CTAGGGCCCCCAGTCCCCGGTACCTTGGCCAGGGGACCCCTCTCTTTGAAGATC 253
; DB 424 TTCCGGAACATCCCTCCCGCTGACCGTGTGCTGCTACACTGCTGACCGTCGGCAA 483
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; QY 254 CTCGCGCTACCCGCCCCAGTGTCTCCCTGGAGAGACCTGCTGAACTGGAGTCTGGCCCC 313
; DB 484 CTGCGCGCGACCTTCGCGCCACCGCCACACACCGCCGACGGGACGTGATGGCGCTGCC 543
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; QY 314 CTGAACCGCTAGAACGATCTCTCACTCCCGGCTGACGACCCCTTGGCGGCGAG 373
; DB 544 CACCGCACCTGCCCCCGCTTGGCGGTGCAGTTCCACCCCGAATCGATCAGCAGCGAAC 603
;
; QY 374 GACCCAGCCCCAGAAACCCCTGGCTCTCTGCCCCCTGAG 414
; DB 604 GGCACCGGATGCTCGGCCAACTTCCGGGACCTGTCCCTTGGC 644
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; RESULT 12
; US-08-510-646B-9
;
; Sequence 9, Application US/08510646B
; Patent No. 6077699
; GENERAL INFORMATION:
; APPLICANT: Blanc, Veronique
; APPLICANT: Blanche, Francis
; APPLICANT: Crouzet, Joel
; APPLICANT: Jacques, Nathalie
; APPLICANT: Lacroix, Patricia
; APPLICANT: Thibaut, Denis
; APPLICANT: Zagorec, Monique
; APPLICANT: Debussche, Laurent
; APPLICANT: De Crecy-Lagard, Valerie
; TITLE OF INVENTION: Polypeptides Involved In The
; TITLE OF INVENTION: Biosynthesis Of Streptogramins, Nucleotide Sequences
; TITLE OF INVENTION: Coding For These Polypeptides And Their Use
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/510,646B
; FILING DATE: 03-AUG-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/403,852
; FILING DATE: 10-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 93/00923
; FILING DATE: 25-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 92/11441
; FILING DATE: 25-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03806.0054-01000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 645 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: S.pristinaespiralis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 61..645
; OTHER INFORMATION: /product= "gene papA"
;
; US-08-510-646B-9
;
; Query Match 4.9%; Score 43.8; DB 3; Length 645;
; Best Local Similarity 46.1%; Pred. No. 0.021;
; Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;
;
; QY 14 CCAGGCACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCTCA 73
; DB 248 CCACCGACACCCAGCTGGGCTCAGCCGCGGTGATCACCAGATGGAGCTGCCGTGC 307
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QY 74 ACTGGAAGCTCTGGGATCCTGGTCTTTGGCTTGACACACAGGAGCATCTCAGGAGCG 133  
Db 308 TCGGGGTGTCTGGGACACAGGCGCTGTGCTGTCTGCGCGCGCGCGCTGCTCCACG 367  
QY 134 AGGGCCACCCCTCTCACCCACCGCAGAGACGAGAGGAGGAGCTCCCCAACATTGC 193  
Db 368 CACCGAACCTTTACGGCGC-----ACAGGGACATCCGCCACGAGCGGAGGCGCTG 423  
QY 194 CTCAGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGACCCCTCTCTTTTGAAGATC 253  
Db 424 TTCGGAACATCCCTCCCGCTGACCGTGTGCGCTACCACTCGCTGACCGTCGGCAA 483  
QY 254 CTCGGCTACCCGCCCGCTGCTCTGGAGAGACCTGAACTGGAGTCTGGCCCC 313  
Db 484 CTCGGCGGACCTGCGCGCACCGCCACACACCGCGGAGCGAGCTGATGGCGCTGCC 543  
QY 314 CTGAACCGCTAGAACGATCTCTCAACCTCCCGGCTGACGACCTTTGGCGGCGAG 373  
Db 544 CACCGCACCTGCGCGCTTGGCGGTGAGTTCCACCCGAAATCGATCAGCAGGAACAC 603  
QY 374 GACCCAGCCCCCAGAAACCCCTGGCTCTCTGCCCCCTGAG 414  
Db 604 GGCACCGGATGCTCGCCTTCCGCGACCTGTCCCTGCG 644

## RESULT 13

US-09-231-818-9  
; Sequence 9, Application US/09231818  
; Patent No. 6171846  
; GENERAL INFORMATION:  
; APPLICANT: Blanc, Veronique  
; APPLICANT: Blanc, Veronique  
; APPLICANT: Crouzet, Joel  
; APPLICANT: Jacques, Nathalie  
; APPLICANT: Lacroix, Patricia  
; APPLICANT: Thibaut, Denis  
; APPLICANT: Zagorec, Monique  
; APPLICANT: De Crecy-Lagard, Valerie  
; APPLICANT: Debussche, Laurent  
; TITLE OF INVENTION: Polypeptides Involved In The  
; TITLE OF INVENTION: Biosynthesis Of Streptogramins, Nucleotide Sequences  
; TITLE OF INVENTION: Coding For These Polypeptides And Their Use  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner  
; STREET: 1300 I Street, N.W., Suite 700  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/231,818  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,852  
; FILING DATE: 10-MAY-1995  
; APPLICATION NUMBER: PCT/FR 93/00923  
; FILING DATE: 25-SEP-1993  
; PRIOR APPLICATION DATA: FR 92/11441  
; APPLICATION NUMBER: FR 92/11441  
; FILING DATE: 25-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meyers, Kenneth J.  
; REGISTRATION NUMBER: 25,146  
; REFERENCE/DOCKET NUMBER: 03806.0054-00000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 408-4000  
; TELEFAX: (202) 408-4400

## ; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 645 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: S.pristinaeapiralis  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 61..645  
; OTHER INFORMATION: /product= "gene papa"  
US-09-231-818-9

Query Match 4.9%; Score 43.8; DB 3; Length 645;

Best Local Similarity 46.1%; Pred. No. 0.021;  
Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;

QY 14 CCAGGCACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73  
Db 248 CCACCGACACCGACCTGGGCTTACGCCGCGGGTGATACCGAATGGAGCTGCCGTGC 307  
QY 74 ACTGGAAGCTCCTGGGGATCTTGGTCTTTCCTGCTGCACACACGAGGAGCATCTCAGGCG 133  
Db 308 TCGGGGTGTGCTTGGGCCACACAGGCGCTGTGCTGCTCGCGCGCGCGCTGCTCCACG 367  
QY 134 AGGGCCACCCCTCTCACCCACCGCGAGAGGACGAGAGGAGGAGGAGGAGGAGGAGG 193  
Db 368 CACCCGAACTTTTACGGCGCG-----ACCAGCGACATCCGCCACGAGCGGAGGCGCTG 423  
QY 194 CTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGACCCCTCTCTTTGAAGATC 253  
Db 424 TTCGGAACATCTCCCTTCCCGCTGACCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 483  
QY 254 CTCGGCTTACCGCGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 313  
Db 484 CTCGGCGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 543  
QY 314 CTGAACCGCTAGACGATCTCTTCTTAACTCTCCCGGCTGACGACCTTTGGCGCGGAG 373  
Db 544 CACCGCACCTGCCCGCTTCCGCGTGCAGTTCCACCCCGAAATCGATCAGCAGGAACAC 603  
QY 374 GACCCAGCCCCCAGAAACCCCTGGCTCTCTGCCCCCTGAG 414  
Db 604 GGCACCGGATGCTCGCCTTCCGCGACCTGTCCCTGCG 644

## RESULT 14

US-09-635-359B-9  
; Sequence 9, Application US/09635359B  
; Patent No. 6670157  
; GENERAL INFORMATION:  
; APPLICANT: Blanc, Veronique  
; APPLICANT: Blanc, Veronique  
; APPLICANT: Crouzet, Joel  
; APPLICANT: Jacques, Nathalie  
; APPLICANT: Lacroix, Patricia  
; APPLICANT: Thibaut, Denis  
; APPLICANT: Zagorec, Monique  
; APPLICANT: Debussche, Laurent  
; APPLICANT: De Crecy-Lagard, Valerie

TITLE OF INVENTION: Polypeptides Involved In The  
; Biosynthesis Of Streptogramins, Nucleotide Sequences  
; Coding For These Polypeptides And Their Use

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner

STREET: 1300 I Street, N.W., Suite 700

CITY: Washington

STATE: D.C.

COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/635,359B  
FILING DATE: 09-Aug-2000  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/231,818  
FILING DATE: 15-JAN-1999  
APPLICATION NUMBER: US/08/403,852  
FILING DATE: 10-MAY-1995  
APPLICATION NUMBER: PCT/FR 93/00923  
FILING DATE: 25-SEP-1993  
APPLICATION NUMBER: FR 92/11441  
FILING DATE: 25-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Kenneth J.  
REGISTRATION NUMBER: 25,146  
REFERENCE/DOCKET NUMBER: 03806.0054-03000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 645 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: S.pristinaespiralis  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 61..645  
OTHER INFORMATION: /product= "gene papa"  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-635-359B-9

Query Match 4.9%; Score 43.8; DB 4; Length 645;  
Best Local Similarity 46.1%; Pred. No. 0.021;  
Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;  
QY 14 CCAGGCAACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73  
DB 248 CCACCGAACCGACTGGCTCAGCCGCGGGTGATCAGGAATGGACCTGCCGTGC 307  
QY 74 ACTGGAAAGCTCTCTGGGATCCTGGTCTCTTGGCTGCACACCCAGAGGATCTCAGGCG 133  
DB 308 TCGGGGTGTCTGGGACACAGGCCCTGTGCTGCTCGCGGCGCGCTGTCTCAAG 367  
QY 134 AGGCGCACCTCTACCGACCCCGACAGACCGAGAGAGGAGGTCTCCCAACATTGC 193  
DB 368 CACCGCAACCTTTTACCGGCGC-----ACCAGCACATCCGCCACGACGCGGCGGCTG 423  
QY 194 CTAGGGCCCCCAGTCCCGGTGACCTTGGCCAGGGGACCCCTCTCTTTGAAGATC 253  
DB 424 TTCCGAAACATCCCTCCCGCTGACCGTGTGCTGCTACACTCGCTGACCGTCCGGCAA 483  
QY 254 CTCGCCCTACCGCCCGCAGTCTGCTTGGAGAGACCTGCTGAAATCTGGAGTCTGGCCCC 313  
DB 484 CTGCGCCGCACTCTGCGGCGCACCGCCACACCGCGGAGCTGATGGCGTCTGCC 543  
QY 314 CTGAACCGCTTAGAACGGATCTCTCTCAACCTCCCGGCTGACGACCTTTGGCGGCGAG 373  
DB 544 CACCGCACCTGCGCCGCTTGGCGGTGAGTTCCACCCGGAATCGATCAGCAGCGAACAC 603  
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DB 604 GGCCACGGATGCTCGCCAACTTCCGGGACCTGTCTCTGGG 644

RESULT 15  
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; Sequence 2, Application US/09249585A  
; Patent No. 6417002  
; GENERAL INFORMATION:  
; APPLICANT: HOFlick, Robert  
; TITLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISODES  
; FILE REFERENCE: 0867/OD905  
; CURRENT APPLICATION NUMBER: US/09/249,585A  
; CURRENT FILING DATE: 1999-02-11  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2  
; LENGTH: 1926  
; TYPE: DNA  
; ORGANISM: Epstein Barr Virus  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(1926)  
; OTHER INFORMATION: coding strand of EBNA-1 DNA  
US-09-249-585A-2

Query Match 4.8%; Score 42.6; DB 3; Length 1926;  
Best Local Similarity 43.6%; Pred. No. 0.076;  
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QY 254 CTCGGCTACCCGCCCCAGTCTGCTCTGGAGAGACCTGCTGAACTGGAGTCTGGCCCC 313  
DB 805 CCCCTCTGCCCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 746  
QY 314 CTGAACGGCTTAGAACGGATCTCTCTCAACCTCCCGGCTGACGACCTTGGCGGCGAG 373  
DB 745 CTCCTGCTCTGCTGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 686  
QY 374 GACCCGAGCCCCCAGAAACCCCTGCGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 427  
DB 685 CTCCTGCCCCCTCTGCTGCCCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 626  
QY 428 CTCAGGAGGAGCCAGACCTAGACCCACCCCGGGAAGAGTACAGATAATGGAGTCCCTCA 487  
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QY 488 GCGTTCTGTTCCAGGATCTCCAGGACCCAGGCGCTCTCCACCTCTGATTCGCCCT 547  
DB 565 CTCCTGCTGCTGCTGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 506  
QY 548 GAATTCCTCCAAATTAGGCTATCTCTTAAACCTCTCTCTCATTCCTCGGTTTATTTC 607  
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QY 608 TGAACCGTAAGGTGGTGTCTCAATATTCTCTGCTGCCCTCTCTGAGATCATATCTAGTC 667  
DB 445 CTGCCCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 386  
QY 668 CTCACATCGCGCGTTTTTCTCTGACAGGCTTAAGCTACTCTCTTACTCTGCGCTCCAGG 727  
DB 385 CTCCTGCTGCTGCTGCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 326  
QY 728 CCTCGGCCCCCAGCTACTCTCCACCCG 754  
DB 325 CCCCTCTCTGCTCTGCCCCCTCTG 299

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